

RECEIVED
CENTRAL FAX CENTER

DEC 14 2005



Matrix Semiconductor, Inc.
3230 Scott Boulevard Santa Clara, California 95054
Telephone 408.969.4848 Facsimile 408.969.4849

December 14, 2005

Time: ~11:10 AM PST
(Santa Clara, California)

To: Commissioner for Patents
Attn: Responses to Office Actions
Patent Examining Corps
Facsimile Center
P.O.Box 1450
Alexandria, VA 22313-1450

From: Pamela J. Squyres
Attorney Docket: MA-040-a
Phone: 408-869-2921

FAX NUMBER 571-273-8300

Re: Patent Application of: S. Brad Herner et al.	Examiner: Lan Vinh
Serial No.: 10/624,580	Group Art Unit: 1765
Filed: July 21, 2003	Attorney Docket No.: MA-040-a
Title: Method of Preventing Autodoping	

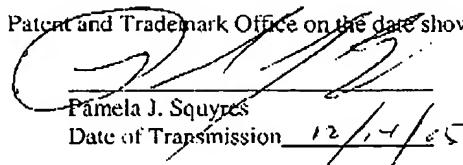
Document(s) Transmitted:

Response to Non-Final Office Action (18 pages)

Total pages of this transmission, including the cover letter: 19

If you do not receive all of the pages described above, please telephone us at 408-869-2921 or fax us at 408-969-4849.

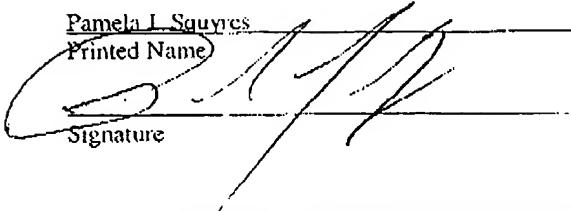
I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.


Pamela J. Squyres
Date of Transmission 12/14/05

RECEIVED
CENTRAL FAX CENTER
DEC 14 2005

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below:

Pamela J. Squyres
Printed Name


Signature

Dec. 14 2005

Date of Transmission

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Herner et al.

Application No.: 10/624,580

Group Art Unit: 1765

Filed: 7/21/03

Examiner: Lan Vinh

Title: Method of Preventing
Autodoping

Attorney Docket No.: MA-040-a

Commissioner for Patents
PO Box 1450
Alexandria VA 22313-1450

December 14, 2005

RESPONSE TO NON-FINAL OFFICE ACTION

To the Commissioner:

This paper is filed in response to the office action mailed September 14, 2005, in the above-captioned case. A complete listing of currently pending claims, including claim amendments, begins on page 2. Specification amendments appear on page 5. A discussion of claim amendments appears on page 6, and a discussion of specification amendments appears on page 7. Remarks begin on page 8 and a conclusion appears on page 18.